**LAB SCHEDULE**

**Name of the dept. : ECE class : M.Tech DECS**

**Lab name : IV&P LAB year : 2016-17**

**LIST OF EXPERIMENTS**

1. Discrete Signals and Sytem in Time Domain
2. Z-transform & Inverse Z-Transform
3. DFT Properties
4. FIR Filter Design
5. IIR Filter Design
6. Applications in Adaptive filtering
7. Image Enhancement in Spatial Domain
8. Fourier Transform of an Image
9. Enhancement in Frequency Domain
10. Image Segmentation
11. Image Compression
12. Divide video into frames
13. Filter operations on video
14. Motion estimateof an object on video.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Date & Session | Ex.1 | Ex.2 | Ex.3 | Ex.4 | Ex.5 | Ex.6 | Ex.7 | Ex.8 | Ex.9 | Ex.10 | Ex.11 | Ex.12 | Ex.13 | Ex.14 | Ex.15 |
| 1 | 2.4.2017 | 14a51d801 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 9.4.2017 |  | 801 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 16.4.2017 |  |  | 801 |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | 23.4.2017 |  |  |  | 801 |  |  |  |  |  |  |  |  |  |  |  |
| 5 | 30.4.2017 |  |  |  |  | 801 |  |  |  |  |  |  |  |  |  |  |
| 6 | 21.5.2017 |  |  |  |  |  | 801 |  |  |  |  |  |  |  |  |  |
| 7 | 28.5.2017 |  |  |  |  |  |  | 801 |  |  |  |  |  |  |  |  |
| 8 | 11.6.2017 |  |  |  |  |  |  |  | 801 |  |  |  |  |  |  |  |
| 9 | 18.6.2017 |  |  |  |  |  |  |  |  | 801 |  |  |  |  |  |  |
| 10 | 25.6.2017 |  |  |  |  |  |  |  |  |  | 801 |  |  |  |  |  |
| 11 | 2.7.2016 |  |  |  |  |  |  |  |  |  |  | 801 |  |  |  |  |
| 12 | 9.7.2017 |  |  |  |  |  |  |  |  |  |  |  | 801 |  |  |  |
| 13 | 9.7.2017 |  |  |  |  |  |  |  |  |  |  |  |  | 801 |  |  |
| 14 | 16.7.2017 |  |  |  |  |  |  |  |  |  |  |  |  |  | 801 |  |
| 15 | 23.7.2017 | Internal Lab | | | | | | | | | | | | | | |

**Note: Session Indicates 3 (or) 4 Periods**